



## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and country of citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled COMPACT LOW NO<sub>x</sub> GAS BURNER APPARATUS AND METHODS, the specification of which (check one)

☐ is attached hereto.

☒ was filed on March 9, 2004 as Application Serial No. 10/796,740 and was amended on \_\_\_\_\_ if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information which is known to me to be material to patentability or to the examination of this application in accordance with 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

### PRIOR FOREIGN APPLICATION(S)

			Priority Claimed		Certified Copy Attached?	
(Number)	(Country)	(Day/month/year filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Yes	<input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of the United States provisional application listed below.

\_\_\_\_\_  
(U.S. Provisional Application No.)

\_\_\_\_\_  
(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

\_\_\_\_\_  
(U.S. Parent Application) (Parent Filing Date) (Parent Patent Number (if applicable))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. § 1001 and may jeopardize the validity of the application or any patent issuing thereon.

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorneys to prosecute this application and transact all business in the Patent and Trademark Office connected therewith and to receive the Letters Patent Document, if issued.

C. Clark Dougherty, Jr., Registration No. 24,208;  
E. Harrison Gilbert, III, Registration No. 29,156;  
Neal R. Kennedy, Registration No. 31,383;  
Clifford C. Dougherty, III, Registration No. 31,607;  
William D. Hall, Registration No. 35,535;  
Anthony L. Rahhal, Registration No. 37,562;  
Michael J. LaBrie, Registration No. 39,507;  
Jean L. Pinkston, Registration No. 45,014; and  
Barbara Krebs Yuill, Registration No. 54,562,

all of McAFEE & TAFT, Tenth Floor, Two Leadership Square, 211 North Robinson, Oklahoma City, Oklahoma 73102, Telephone No. (405) 235-9621, each a member of the Bar of the State of Oklahoma.

The U.S. Patent and Trademark Office is requested to direct all mail and telephone calls to:

C. Clark Dougherty, Jr.  
McAFEE & TAFT  
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211 North Robinson  
Oklahoma City, Oklahoma 73102  
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Facsimile: (405) 228-7301  
e-mail: clark.dougherty@mcafeetaft.com

Full name of first inventor: I-Ping Chung

Inventor's signature I-Ping Chung Date: 5/4/04

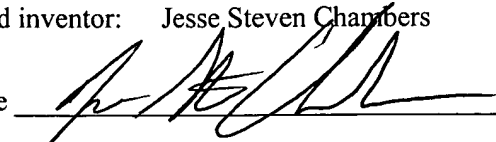
Residence: 11009 E 84<sup>th</sup> St. S., Tulsa, Oklahoma 74133

Citizenship: United States of America

Mailing Address: 11009 E 84<sup>th</sup> St. S., Tulsa, Oklahoma 74133

Full name of second inventor: Jesse Steven Chambers

Inventor's signature



Date:

5-4-04

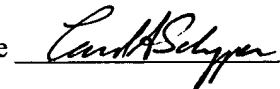
Residence: 13 West Chestnut, Skiatook, Oklahoma 74070

Citizenship: United States of America

Mailing Address: 13 West Chestnut, Skiatook, Oklahoma 74070

Full name of third inventor: Carol Ann Schnepfer

Inventor's signature



Date:

MAY 4, 2004

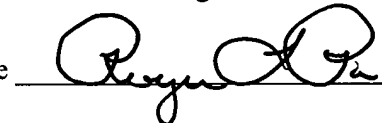
Residence: 1634 E. 35<sup>th</sup> St., Tulsa, Oklahoma 74105

Citizenship: United States of America

Mailing Address: 1634 E. 35<sup>th</sup> St., Tulsa, Oklahoma 74105

Full name of fourth inventor: Roger L. Poe

Inventor's signature



Date:

5-6-04

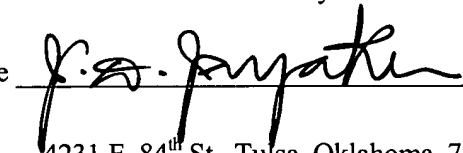
Residence: Post Office Box 178, Beggs, Oklahoma 74421

Citizenship: United States of America

Mailing Address: Post Office Box 178, Beggs, Oklahoma 74421

Full name of fifth inventor: Jaiwant D. Jayakaran

Inventor's signature



Date:

05-06-04

Residence: 4231 E. 84<sup>th</sup> St., Tulsa, Oklahoma 74137

Citizenship: United States of America

Mailing Address: 4231 E. 84<sup>th</sup> St., Tulsa, Oklahoma 74137

Full name of sixth inventor: Richard T. Waibel

Inventor's signature Richard T. Waibel Date: 11 May 2004

Residence: 6552 S. 218<sup>th</sup> E. Ave., Broken Arrow, Oklahoma 74014

Citizenship: United States of America

Mailing Address: 6552 S. 218<sup>th</sup> E. Ave., Broken Arrow, Oklahoma 74014

Full name of seventh inventor: Michael G. Claxton

Inventor's signature Michael G. Claxton Date: 5/4/04

Residence: 4122 South Jamestown Ave., Tulsa, Oklahoma 74135

Citizenship: United States of America

Mailing Address: 4122 South Jamestown Ave., Tulsa, Oklahoma 74135

Full name of eighth inventor: Marianne Zimola

Inventor's signature Marianne Zimola Date: 5/4/04

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Citizenship: United States of America

Mailing Address: 12213 E. 79<sup>th</sup> St. North, Owasso, Oklahoma 74055

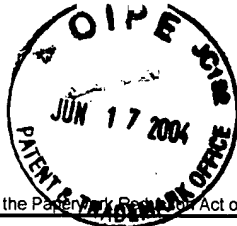
Full name of ninth inventor: Darin Robert Foote

Inventor's signature D. R. Foote Date: 05/11/04

Residence: 1332 South Marion Ave., Tulsa, Oklahoma 74112

Citizenship: United States of America

Mailing Address: 1332 South Marion Ave., Tulsa, Oklahoma 74112



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PTO/SB/96 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Project Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: J-Ping Chung; Jesse Steven Chambers; Carol Ann Schnepfer; Roger L. Poe; Jaiwant D. Jayakaran; Richard T. Waibel;  
Michael G. Claxton; Marianne Zimola; Darin Robert FooteApplication No./Patent No.: 10/796,740 Filed/Issue Date: March 9, 2004Entitled: COMPACT LOW NOX GAS BURNER APPARATUS AND METHODSJohn Zink Company, LLC, a limited liability company  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.  
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

April 8, 2004  
Date  
(316) 828-5946  
Telephone number

Bradley E. Hadlock  
Typed or printed name  
[Signature]  
Signature  
Secretary  
Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



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PTO-1595 (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇨ ⇨ ⇨ ▼ ▼ ▼ ▼ ▼ ▼ ▼		RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): I-Ping Chung; Carol Ann Schnepfer; Jaiwant D. Jayakaran; Michael G. Claxton; Darin Robert Foote; Marianne Zimola; Roger L. Poe; Jesse Steven Chambers; Richard T. Waibel Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies) Name: <u>John Zink Company, LLC</u> Internal Address: _____ _____ _____ Street Address: <u>11920 East Apache</u> _____ _____ City: <u>Tulsa</u> State: <u>OK</u> Zip: <u>74116</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <u>April 6; April 8; May 4; May 11, 2004</u>					
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: _____ A. Patent Application No.(s) <u>10/796,740 filed March 9, 2004</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <u>C. Clark Dougherty, Jr.</u> Internal Address: _____ _____ _____ Street Address: <u>McAfee &amp; Taft</u> <u>Two Leadership Square, 10th Floor, 211 N. Robinson Ave.</u> City: <u>Oklahoma City</u> State: <u>Oklahoma</u> Zip: <u>73102</u>			6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41).....\$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed ** <input type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: ** Please charge any fee deficiency to: <u>50-0449</u> (Attach duplicate copy of this page if paying by deposit account)		
DO NOT USE THIS SPACE					
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> <u>C. Clark Dougherty, Jr., Reg. No. 24,208</u> <u>C. Clark Dougherty Jr.</u> <u>June 14, 2004</u> Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and documents: <u>6</u>					

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

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**ASSIGNMENT**

WHEREAS, we, **I-Ping Chung, Carol Ann Schnepfer, Jaiwant D. Jayakaran, Michael G. Claxton, and Darin Robert Foote** of Tulsa, Oklahoma, **Marianne Zimola** of Owasso, Oklahoma, **Roger L. Poe** of Beggs, Oklahoma, **Jesse Steven Chambers** of Skiatook, Oklahoma, and **Richard T. Waibel** of Broken Arrow, Oklahoma, have made a certain invention entitled **COMPACT LOW NO<sub>x</sub> GAS BURNER APPARATUS AND METHODS** for which application for United States Letters Patent was filed March 9, 2004, and assigned U.S. Serial No. 10/796,740 preparatory to obtaining United States Letters Patent therefor, and

WHEREAS, **John Zink Company, LLC**, a limited liability company existing under and by virtue of the laws of the State of Delaware, and having a place of business in Tulsa, County of Tulsa, State of Oklahoma, is desirous of acquiring all right, title and interest in and to said invention in **COMPACT LOW NO<sub>x</sub> GAS BURNER APPARATUS AND METHODS** above-identified, in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, we, **I-Ping Chung, Jesse Steven Chambers, Carol Ann Schnepfer, Roger L. Poe, Jaiwant D. Jayakaran, Richard T. Waibel, Michael G. Claxton, Marianne Zimola and Darin Robert Foote**, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said **John Zink Company, LLC**, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its

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territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said John Zink Company, LLC, as the assignee of our entire right, title and interest in and to the same, for the sole use and enjoyment of said John Zink Company, LLC, its successors and assigns.

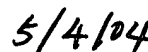
Further, we agree that we will communicate to said John Zink Company, LLC, or its representatives any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisions, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said John Zink Company, LLC, make all rightful oaths and generally do everything necessary or desirable to aid said John Zink Company, LLC, its successors and assigns, to obtain and enforce proper protection for said invention, in the United States and in any and all foreign countries.

Executed by the undersigned on the date indicated.

In the presence of:

  
Witness

  
I-Ping Chung

  
Date



Mary Jane  
Witness

**COPY**  
Jesse Steven Chambers  
5-4-04.  
Date

Melissa Bordin  
Witness

Carol Ann Schaeffer  
Carol Ann Schaeffer  
4/6/04  
Date

Debra Bordin  
Witness

Roger L. Poe  
Roger L. Poe  
4-8-04  
Date

Melissa Bordin  
Witness

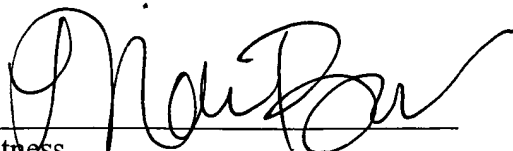
Jaiwant D. Jayakaran  
Jaiwant D. Jayakaran  
04-06-04  
Date

Richard T. Waibel  
Witness

Richard T. Waibel  
Richard T. Waibel  
11 May 2004  
Date


Michael G. Claxton  
Witness

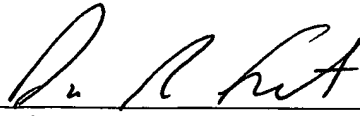
Michael G. Claxton  
Michael G. Claxton  
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Date

  
Witness

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Marianne Zimola

5/4/04  
Date

  
Witness

  
Darin Robert Foote

05/11/04  
Date